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Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 609
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Soggetti	Electric power production Multibody systems Vibration Mechanics, Applied Renewable energy sources Electrical Power Engineering Multibody Systems and Mechanical Vibrations Renewable Energy
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Nota di contenuto	Economic Approach to Design of a Level 2 Residential Electric Vehicle Supply Equipment -- FPGA Based Speed Control and Back EMF Extraction from Line Voltages Using IIR digital Filters for BLDCM -- Power Quality Enhancement Using FACTS Device in Transmission System With DPFC -- Optimal Placement of Resistive Superconducting Fault Current Limiters in Microgrid -- Comparison of Optimal DG Placement in Radial Distribution System Using Centrality Index -- Forecasting Soil Moisture based on Evaluation of Time Series Analysis -- Artificial Neural Network Based Battery Energy Storage System for Electrical Vehicle -- Data Communication Between DC Microgrids for Real Time Converter Control -- Estimating Capacitor Health Connected in Solar Power System Using Wavelet Transform -- Design Aspects of the Future IoT Based On-Road Charging of Electric Vehicles.
Sommario/riassunto	The book features selected high-quality papers presented at the International Conference on Computing, Power and Communication

Technologies 2019 (GUCON 2019), organized by Galgotias University, India, in September 2019. Divided into three sections, the book discusses various topics in the fields of power electronics and control engineering, power and energy systems, and machines and renewable energy. This interesting compilation is a valuable resource for researchers, engineers and students.